

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1200 ft. Lat: 44.8128° N Lon: 71.8903° W
Station: ISLAND POND, VT US USC00434120

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	23.5	3.4	13.5	4.8	6.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1287.9	1349.9	1442.9	1598.0	0.0	0.0	0.7	23.6	30.4	14.5
02	26.6	4.0	15.3	4.7	6.5	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1111.5	1167.5	1251.5	1391.6	0.0	0.0	0.8	19.4	27.5	12.5
03	35.6	14.2	24.9	4.3	5.9	4.9	0.2	0.1	0.1	0.0	0.0	0.0	933.2	995.1	1088.1	1243.1	0.0	0.0	3.6	11.8	29.0	6.7
04	49.4	28.9	39.2	3.5	2.7	2.9	6.9	4.3	2.3	0.6	0.0	0.0	482.4	539.9	627.8	776.1	0.0	0.0	14.1	1.7	21.4	0.1
05	63.5	40.9	52.2	4.0	2.6	3.0	70.2	49.3	27.1	8.4	1.5	0.6	157.1	198.2	268.9	405.2	0.0	0.0	27.9	0.0	6.7	0.0
06	72.0	50.6	61.3	2.3	2.2	2.0	211.0	164.8	107.0	42.1	10.9	5.6	22.0	35.9	68.1	153.1	0.0	0.4	29.9	0.0	0.3	0.0
07	76.4	55.3	65.8	2.3	2.2	2.0	337.9	278.2	194.7	84.7	24.0	12.9	1.5	3.9	13.4	58.4	0.0	0.3	31.0	0.0	0.0	0.0
08	74.8	53.6	64.2	2.0	2.0	1.8	290.4	233.7	156.8	60.5	13.5	6.0	5.3	10.5	26.7	85.3	0.0	0.0	31.0	0.0	0.0	0.0
09	67.7	46.2	56.9	2.9	2.6	2.6	129.7	97.1	58.3	20.0	3.9	1.4	71.2	98.6	149.9	261.5	0.0	0.0	29.7	0.0	2.6	0.0
10	54.2	35.9	45.1	3.5	3.0	3.1	16.9	10.4	4.6	0.8	0.1	0.0	325.4	380.8	468.0	619.2	0.0	0.0	20.4	0.2	13.2	0.0
11	41.2	25.9	33.6	3.4	3.1	3.1	1.0	0.6	0.2	0.0	0.0	0.0	644.5	704.1	793.7	943.5	0.0	0.0	6.4	6.2	23.4	0.4
12	29.7	13.5	21.6	4.1	5.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1035.3	1097.3	1190.3	1345.4	0.0	0.0	0.9	18.1	29.3	6.4
Summary	51.2	31.0	41.1	3.5	3.7	3.4	1064	838	551	217	54	26	6077	6582	7389	8880	0.0	0.7	196.4	81.0	183.8	40.6

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	2.83	17.3	6.9	1.7	0.3	1.91	2.64	3.56	
02	2.27	14.4	6.5	1.1	0.1	1.54	2.19	3.03	
03	2.91	14.4	6.8	1.4	0.4	2.19	2.83	3.52	
04	3.35	14.2	8.2	1.9	0.3	2.49	3.07	4.12	
05	4.12	16.1	9.7	2.4	0.6	3.12	3.92	5.07	
06	4.76	16.7	10.2	3.5	0.9	3.44	4.43	5.59	
07	4.89	16.8	9.8	3.4	1.1	3.86	4.67	5.67	
08	4.51	15.8	8.9	2.9	1.1	3.62	4.03	5.13	
09	4.06	15.4	7.6	2.5	0.9	3.01	4.02	4.83	
10	4.52	16.9	9.0	3.1	0.9	3.14	4.09	5.96	
11	3.44	16.5	7.9	2.3	0.3	2.48	3.56	4.16	
12	3.23	18.6	8.3	1.7	0.3	2.38	3.26	3.86	
Summary	44.89	193.1	99.8	27.9	7.2	33.18	42.71	54.50	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	25.30	15.4	8.5	2.7	1.0	0.1	30.4	28.4	26.0	17.9	18.90	23.90	29.60
02	26.10	13.3	7.5	3.1	1.3	0.3	28.4	27.7	26.4	22.7	19.60	23.90	33.50
03	22.10	10.1	5.9	2.7	1.2	0.3	28.8	27.2	25.1	19.9	11.00	20.20	30.00
04	5.70	3.5	2.0	0.7	0.3	0.0	11.1	7.5	5.8	2.8	2.10	4.30	7.50
05	0.40	0.2	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.40	1.0	0.5	0.2	0.1	0.0	0.8	0.2	0.0	0.0	0.00	0.70	2.00
11	8.80	6.3	3.4	0.9	0.3	0.0	9.9	4.8	2.3	0.5	5.00	8.00	11.10
12	25.10	14.1	8.0	2.5	0.8	0.1	25.7	19.2	15.2	8.2	16.70	22.80	32.20
Summary	114.9	63.9	35.9	12.9	5.0	0.8	135.3	115.1	100.8	72.0	73.3	103.8	145.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2.2	1.4	12.1	97.1	384.7	639.0	801.3	750.1	509.5	202.0	44.7	4.1
45	0.6	0.1	3.9	46.9	251.3	489.6	646.2	595.0	365.1	111.3	17.7	0.6
50	0.2	0.0	1.2	20.0	144.8	343.2	491.2	440.7	235.4	50.5	4.9	0.1
55	0.0	0.0	0.2	6.9	70.2	211.0	337.9	290.4	129.7	16.9	1.0	0.0
60	0.0	0.0	0.1	2.3	27.1	107.0	194.7	156.8	58.3	4.6	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.2	1.2	10.1	66.9	228.3	382.2	502.7	462.6	296.5	105.4	22.0	1.7

Growing Degree Units (Accumulated Monthly)												
40	2	4	16	113	498	1136	1938	2688	3197	3399	3444	3448
45	1	1	5	52	303	792	1439	2034	2399	2510	2528	2528
50	0	0	1	21	166	509	1001	1441	1677	1727	1732	1732
55	0	0	0	7	77	288	626	917	1046	1063	1064	1064
60	0	0	0	2	30	136	331	488	546	551	551	551
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	2	12	79	308	690	1193	1655	1952	2057	2079	2081

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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